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copy

PATENT  
Docket No. 15436.253.24.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Levinson et al.

Serial No.: 09/735,710

Art Unit  
2613

Filed: Dec. 12, 2000

Confirmation No.: 5579

For: *SYSTEM AND METHOD FOR TRANSMITTING DATA  
ON RETURN PATH OF CABLE TELEVISION  
SYSTEM*

Examiner: Jason Chan

Patent No.: 7,257,328 B2

Issue Date: Aug. 14, 2007

**REQUEST FOR A CERTIFICATE OF CORRECTION**  
**UNDER 37 C.F.R. § 1.323**

Attention: Certificate of Corrections Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Certificate**  
AUG 25 2010  
**of Correction**

Dear Commissioner:

In accordance with the provisions of 37 C.F.R. § 1.323, which implements 35 U.S.C. § 255, the Director is respectfully requested to issue a Certificate of Correction to correct mistakes in the above-identified patent. The enclosed Patent Office Form PTO/SB/44 reflects the desired corrections.

Payment in the amount of \$100, as set forth in 37 C.F.R. § 1.20(a) is submitted herewith to cover the costs for issuance of the requested Certificate of Correction. The Commissioner is hereby authorized to charge payment of any of the following fees that may be applicable to this

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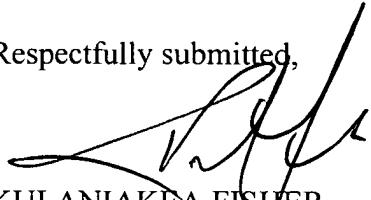
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communication, or credit any overpayment, to Deposit Account No. 23-3178: (1) any filing fees required under 37 CFR § 1.16; (2) any patent application and reexamination processing fees under 37 CFR § 1.17; and/or (3) any post issuance fees under 37 CFR § 1.20. In addition, if any additional extension of time is required, which has not otherwise been requested, please consider this a petition therefore and charge any additional fees that may be required to Deposit Account No. 23-3178.

Dated this 24 day of June, 2010.

Respectfully submitted,

  
KULANIAKEA FISHER  
Attorney for Applicant  
Registration No.: 50,987  
Customer No.: 22913

WORKMAN NYDEGGER  
1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, UT 84111  
Phone: 801-533-9800  
Fax: 801-328-1707

#### CERTIFICATE OF DEPOSIT UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Attention: Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 17th day of August, 2010.

Respectfully submitted,



Transmitted: REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323  
PTO Form PTO/SB/44 and check No. 169572 in the amount of \$100

KF:tgp  
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PATENT  
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Attention: Certificate of Corrections Branch  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner:

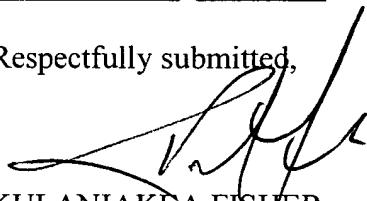
In accordance with the provisions of 37 C.F.R. § 1.323, which implements 35 U.S.C. § 255, the Director is respectfully requested to issue a Certificate of Correction to correct mistakes in the above-identified patent. The enclosed Patent Office Form PTO/SB/44 reflects the desired corrections.

Payment in the amount of \$100, as set forth in 37 C.F.R. § 1.20(a) is submitted herewith to cover the costs for issuance of the requested Certificate of Correction. The Commissioner is hereby authorized to charge payment of any of the following fees that may be applicable to this

communication, or credit any overpayment, to Deposit Account No. 23-3178: (1) any filing fees required under 37 CFR § 1.16; (2) any patent application and reexamination processing fees under 37 CFR § 1.17; and/or (3) any post issuance fees under 37 CFR § 1.20. In addition, if any additional extension of time is required, which has not otherwise been requested, please consider this a petition therefore and charge any additional fees that may be required to Deposit Account No. 23-3178.

Dated this 24 day of JUNE, 2010.

Respectfully submitted,



KULANIAKEA FISHER  
Attorney for Applicant  
Registration No.: 50,987  
Customer No.: 22913

WORKMAN NYDEGGER  
1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, UT 84111  
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Respectfully submitted,



Tammy Veltz

Transmitted: REQUEST FOR A CERTIFICATE OF CORRECTION UNDER 37 C.F.R. § 1.323  
PTO Form PTO/SB/44 and check No. 169572 in the amount of \$100

KF:tgp  
2912322\_1

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
**CERTIFICATE OF CORRECTION**

Page 1 of 9

PATENT NO. : 7,257,328 B2

APPLICATION NO. : 09/735,710

ISSUE DATE : Aug. 14, 2007

INVENTOR(S) : Levinson et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Column 5**

Line 24, after "optical", add [fiber]

**Column 7**

Line 64, after "ADC 202-1" add [(FIG. 4)]

Line 65, after "ADC 202-2" add [(FIG. 4)]

**Column 8**

Line 5, change "is" to --are--

Line 41, change "0for" to --0, for--

**Column 9**

Line 5, after "SERDES 206", add [(FIG. 4)]

Line 6, after "SERDES", add [206 (FIG. 4)]

Line 10, after "200", add [(FIG. 4)]

Line 15, after "200", add [(FIG. 4)]

**Column 10**

Line 13, after "227", add [(FIG. 5)]

Line 15, after "223-2", add [(FIG. 5)]

Line 19, after "227", add [(FIG. 5)]

Line 49, after "227", add [(FIG. 5)]

Line 53, after "229", add [(FIG. 5)]

**Column 10**

Line 54, after "227", add [(FIG. 5)]

Line 59, after "229", add [(FIG. 5)]

MAILING ADDRESS OF SENDER (Please do not use customer number)

**KULANIAKEA FISHER, WORKMAN NYDEGGER**  
**1000 Eagle Gate Tower**  
**60 East South Temple**  
**Salt Lake City, Utah 84111**

This collection of information is required by 37 CFT 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

**UNITED STATES PATENT AND TRADEMARK OFFICE**  
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Page 2 of 9

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APPLICATION NO. : 09/735,710

ISSUE DATE : Aug. 14, 2007

INVENTOR(S) : Levinson et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Column 11**

Line 4, after “227”, add [(FIG. 5)]  
 Line 5, after “229”, add [(FIG. 5)]  
 Line 10, after “223”, add [(FIG. 5)]  
 Line 14, after “223”, add [(FIG. 5)]  
 Line 42, after “above”, add [and in reference to FIGS. 4 and 5]  
 Line 66, after “laser”, add [diode]

**Column 12**

Line 44, change “The receiver 250” to --In FIG. 9, the receiver 250--  
 Line 51, after “106-2”, add [(FIG. 4)]

**Column 13**

Line 21, after “258”, add [(FIG. 9)]  
 Line 44, after “281”, add [(FIG. 10)]  
 Line 45, after “280-1”, add [(FIG. 10)]  
 Line 47, after “280-1”, add [(FIG. 10)]  
 Line 49, after “280-2”, add [(FIG. 10)]  
 Line 50, after “280-2”, add [(FIG. 10)]  
 Line 66, change “2801” to --280-1--

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APPLICATION NO. : 09/735,710

ISSUE DATE : Aug. 14, 2007

INVENTOR(S) : Levinson et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Column 14**

Line 27, after “265”, add [(FIG. 9)]  
Line 29, after “200”, add [(FIG. 4)]  
Line 34, after “250”, add [(FIG. 9)]  
Line 36, after “200”, add [(FIG. 4)]  
Line 44, after “265”, add [(FIG. 9)]  
Line 46, after “200”, add [(FIG. 4)]  
Line 60, after “250”, add [(FIG. 9)]  
Line 63, after “250”, add [(FIG. 9)]

**Column 15**

Line 7, after “250”, add [(FIG. 9)]  
Line 21, after “250”, add [(FIG. 9)]  
Line 39, after “250”, add [(FIG. 9)]  
Line 43, change “test generator circuit” to --test signal generator--

**Column 16**

Line 1, after “223-2”, add [(FIG. 5)]  
Line 7, change “2021” to --202-1--  
Line 8, after “223-2”, add [(FIG. 5)]  
Line 10, change “2231” to --223-1--  
Line 12, change “The receiver 250” to --In FIG. 9, the receiver 250--

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APPLICATION NO. : 09/735,710

ISSUE DATE : Aug. 14, 2007

INVENTOR(S) : Levinson et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Column 16**

Line 13, after “210”, add [(FIG. 4)]

Line 18, after “280-2”, add [(FIG. 10)]

Line 30, after “280-2”, add [(FIG. 10)]

Line 40, change “The sample clock” to --Referring back to FIGS. 9 and 10, the sample clock--

**Column 17**

Line 44, after “(TDM)”, add [334]

Line 47, after “202”, add [(FIG. 4)]

**Column 18**

Line 7, change “digital signal feeds” to --data feeds--

Line 28, change “314” to --340--

Line 28, change “314” to --340--

Line 34, change “314” to --340--

Line 45, change “service 314” to --sources 340--

Line 46, change “service 314” to --sources 340--

Line 47, change “service 314” to --sources 340--

Line 49, change “service 314” to --sources 340--

Line 50, after “hub”, add [330]

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**UNITED STATES PATENT AND TRADEMARK OFFICE**  
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APPLICATION NO. : 09/735,710

ISSUE DATE : Aug. 14, 2007

INVENTOR(S) : Levinson et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Column 21**

Line 31, after “402”, add [(FIG. 14)]  
 Line 52, after “404”, add [(FIG. 14)]  
 Line 54, after “404-0”, add [(FIG. 14)]  
 Line 60, after “404-0”, add [(FIG. 14)]

**Column 23**

Line 67, after “203”, add [(FIG. 16)]

**Column 24**

Line 52, change “474” to --474-1--  
 Line 53, change “474” to --474-1--  
 Line 54, change “474” to --474-1--  
 Line 58, change “474” to --474-1--  
 Line 63, change “474” to --474-1--

**Column 25**

Line 1, change “474” to --474-1--  
 Line 4, after “438”, add [(FIG. 16)]  
 Line 5, after “laser”, add [diode]  
 Line 13, change “17” to --16--  
 Line 45, after “200”, add [(FIG. 4)]

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**60 East South Temple**  
**Salt Lake City, Utah 84111**

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**UNITED STATES PATENT AND TRADEMARK OFFICE**  
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Page 6 of 9

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APPLICATION NO. : 09/735,710

ISSUE DATE : Aug. 14, 2007

INVENTOR(S) : Levinson et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Drawings**

Sheet 4, replace Figure 5 with the figure depicted below, wherein Tone addr is relabeled 225-1 and "Test data generator" is renamed "Test signal generator"

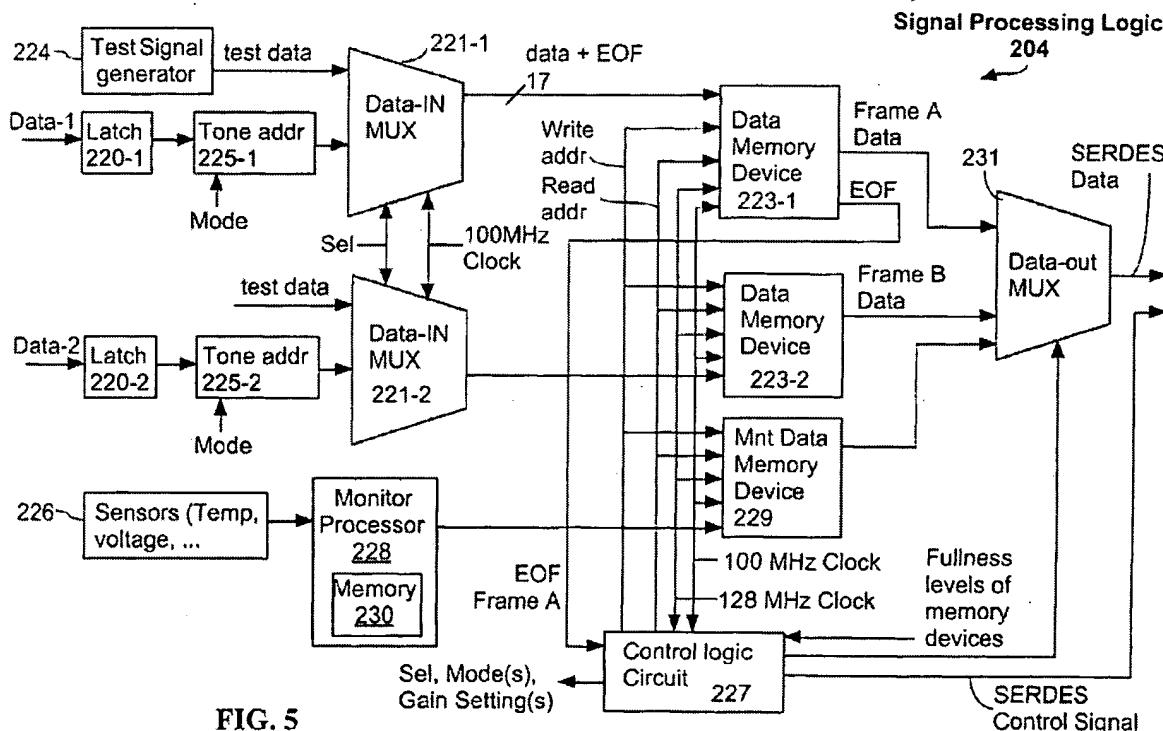


FIG. 5

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**KULANIAKEA FISHER, WORKMAN NYDEGGER**  
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**UNITED STATES PATENT AND TRADEMARK OFFICE**  
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Page 7 of 9

PATENT NO. : 7,257,328 B2

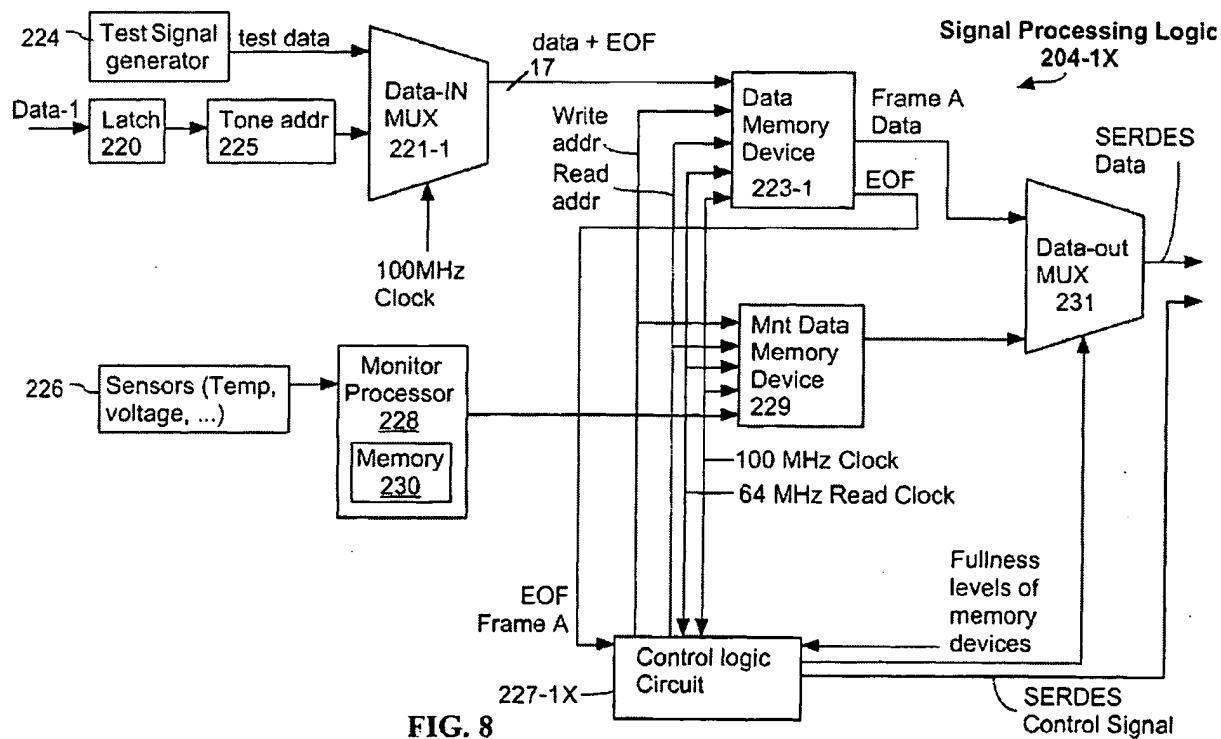
APPLICATION NO. : 09/735,710

ISSUE DATE : Aug. 14, 2007

INVENTOR(S) : Levinson et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Sheet 7, replace Figure 8 with the figure depicted below, wherein "Test data generator" is renamed "Test signal generator" and Control logic Circuit is relabeled 227-1X



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UNITED STATES PATENT AND TRADEMARK OFFICE  
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Page 8 of 9

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APPLICATION NO. : 09/735,710

ISSUE DATE : Aug. 14, 2007

INVENTOR(S) : Levinson et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Sheet 9, replace Figure 10 with the figure depicted below, wherein "Test data generator" is renamed "Test signal generator"

## Signal Processing Logic

262

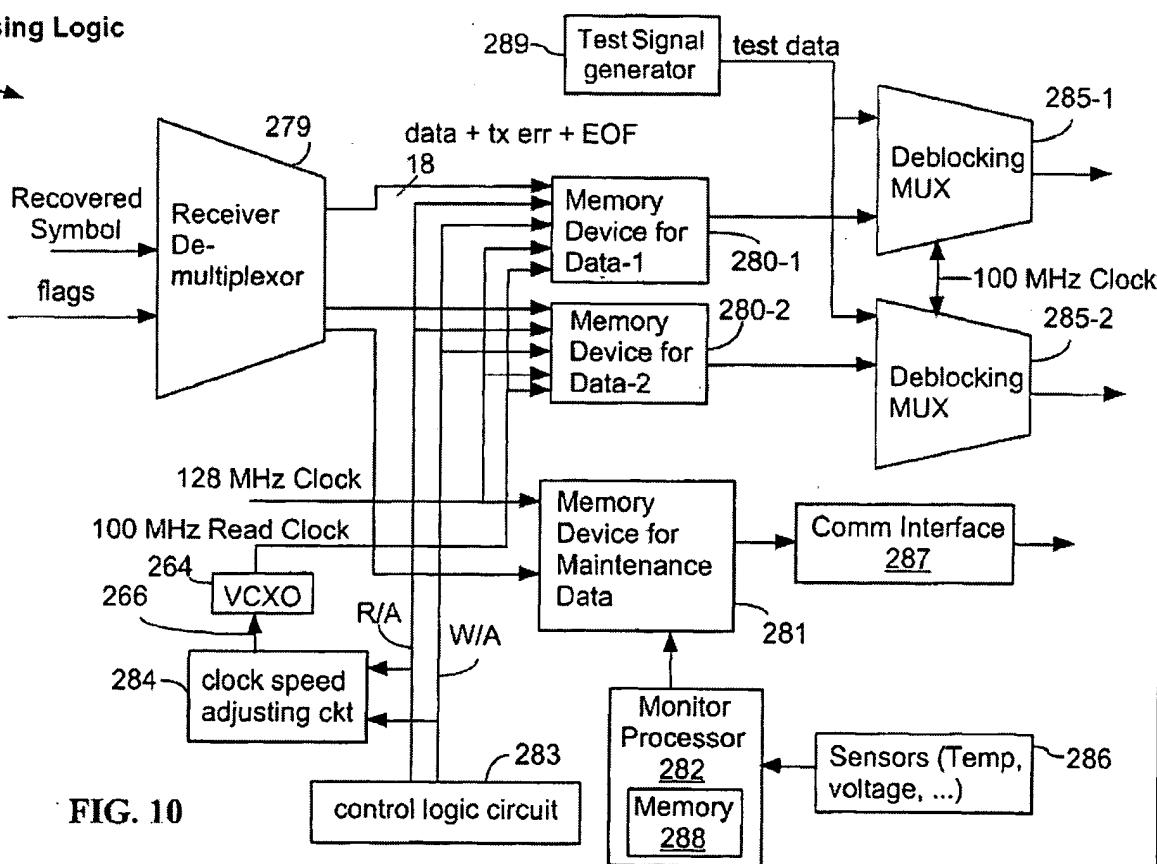


FIG. 10

MAILING ADDRESS OF SENDER (Please do not use customer number)

KULANIKEA FISHER, WORKMAN NYDEGGER  
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ISSUE DATE : Aug. 14, 2007

INVENTOR(S) : Levinson et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Sheet 12, replace Figure 13 with the figure depicted below, wherein "Other Service" is renamed "Other Sources"

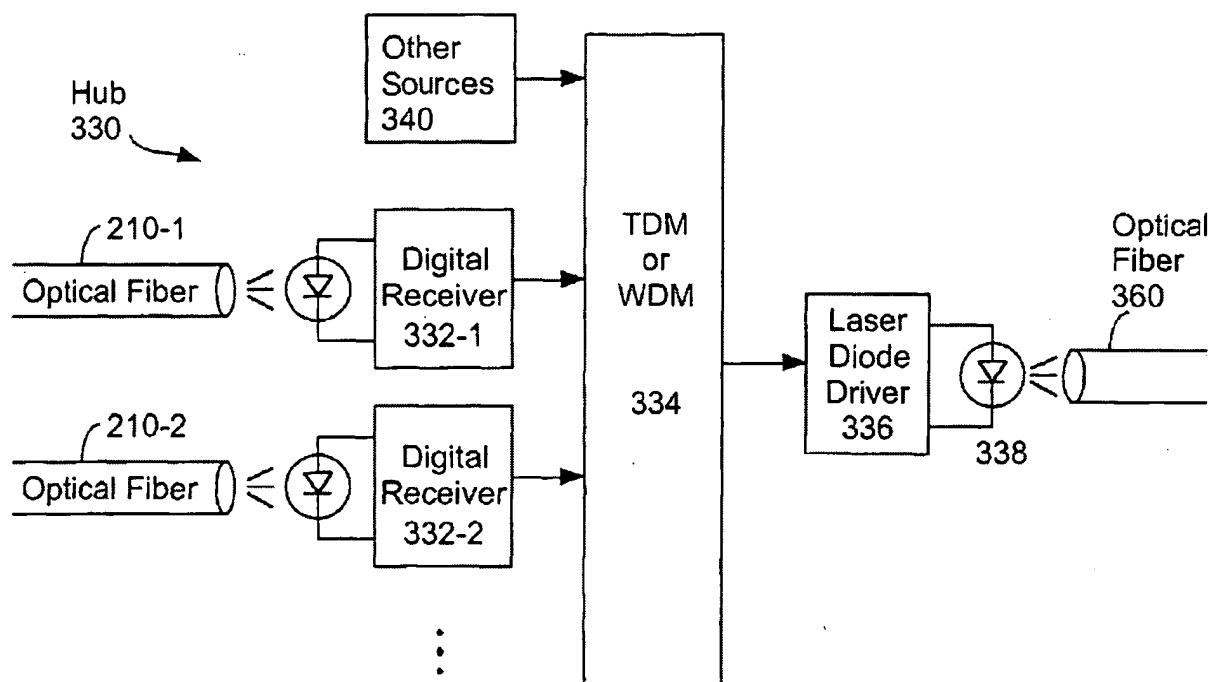


FIG. 13

MAILING ADDRESS OF SENDER (Please do not use customer number)

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INVENTOR(S) : Levinson et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Column 5**

Line 24, after "optical", add [fiber]

**Column 7**

Line 64, after "ADC 202-1" add [(FIG. 4)]

Line 65, after "ADC 202-2" add [(FIG. 4)]

**Column 8**

Line 5, change "is" to --are--

Line 41, change "0for" to --0, for--

**Column 9**

Line 5, after "SERDES 206", add [(FIG. 4)]

Line 6, after "SERDES", add [206 (FIG. 4)]

Line 10, after "200", add [(FIG. 4)]

Line 15, after "200", add [(FIG. 4)]

**Column 10**

Line 13, after "227", add [(FIG. 5)]

Line 15, after "223-2", add [(FIG. 5)]

Line 19, after "227", add [(FIG. 5)]

Line 49, after "227", add [(FIG. 5)]

Line 53, after "229", add [(FIG. 5)]

**Column 10**

Line 54, after "227", add [(FIG. 5)]

Line 59, after "229", add [(FIG. 5)]

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Page 2 of 9

PATENT NO. : 7,257,328 B2

APPLICATION NO. : 09/735,710

ISSUE DATE : Aug. 14, 2007

INVENTOR(S) : Levinson et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Column 11**

Line 4, after “227”, add [(FIG. 5)]  
 Line 5, after “229”, add [(FIG. 5)]  
 Line 10, after “223”, add [(FIG. 5)]  
 Line 14, after “223”, add [(FIG. 5)]  
 Line 42, after “above,”, add [and in reference to FIGS. 4 and 5]  
 Line 66, after “laser”, add [diode]

**Column 12**

Line 44, change “The receiver 250” to --In FIG. 9, the receiver 250--  
 Line 51, after “106-2”, add [(FIG. 4)]

**Column 13**

Line 21, after “258”, add [(FIG. 9)]  
 Line 44, after “281”, add [(FIG. 10)]  
 Line 45, after “280-1”, add [(FIG. 10)]  
 Line 47, after “280-1”, add [(FIG. 10)]  
 Line 49, after “280-2”, add [(FIG. 10)]  
 Line 50, after “280-2”, add [(FIG. 10)]  
 Line 66, change “2801” to --280-1--

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PATENT NO. : 7,257,328 B2

APPLICATION NO. : 09/735,710

ISSUE DATE : Aug. 14, 2007

INVENTOR(S) : Levinson et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Column 14**

Line 27, after “265”, add [(FIG. 9]  
Line 29, after “200”, add [(FIG. 4]  
Line 34, after “250”, add [(FIG. 9]  
Line 36, after “200”, add [(FIG. 4]  
Line 44, after “265”, add [(FIG. 9]  
Line 46, after “200”, add [(FIG. 4]  
Line 60, after “250”, add [(FIG. 9]  
Line 63, after “250”, add [(FIG. 9]

**Column 15**

Line 7, after “250”, add [(FIG. 9]  
Line 21, after “250”, add [(FIG. 9]  
Line 39, after “250”, add [(FIG. 9]  
Line 43, change “test generator circuit” to --test signal generator--

**Column 16**

Line 1, after “223-2”, add [(FIG. 5)]  
Line 7, change “2021” to --202-1--  
Line 8, after “223-2”, add [(FIG. 5)]  
Line 10, change “2231” to --223-1--  
Line 12, change “The receiver 250” to --In FIG. 9, the receiver 250--

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PATENT NO. : 7,257,328 B2

APPLICATION NO. : 09/735,710

ISSUE DATE : Aug. 14, 2007

INVENTOR(S) : Levinson et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Column 16**

Line 13, after “**210**”, add [(FIG. 4)]

Line 18, after “**280-2**”, add [(FIG. 10)]

Line 30, after “**280-2**”, add [(FIG. 10)]

Line 40, change “The sample clock” to --Referring back to FIGS. 9 and 10, the sample clock--

**Column 17**

Line 44, after “(TDM)”, add [334]

Line 47, after “**202**”, add [(FIG. 4)]

**Column 18**

Line 7, change “digital signal feeds” to --data feeds--

Line 28, change “**314**” to --**340**--

Line 28, change “**314**” to --**340**--

Line 34, change “**314**” to --**340**--

Line 45, change “service **314**” to --sources **340**--

Line 46, change “service **314**” to --sources **340**--

Line 47, change “service **314**” to --sources **340**--

Line 49, change “service **314**” to --sources **340**--

Line 50, after “hub”, add [330]

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PATENT NO. : 7,257,328 B2

APPLICATION NO. : 09/735,710

ISSUE DATE : Aug. 14, 2007

INVENTOR(S) : Levinson et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**Column 21**

Line 31, after “402”, add [(FIG. 14)]  
 Line 52, after “404”, add [(FIG. 14)]  
 Line 54, after “404-0”, add [(FIG. 14)]  
 Line 60, after “404-0”, add [(FIG. 14)]

**Column 23**

Line 67, after “203”, add [(FIG. 16)]

**Column 24**

Line 52, change “474” to --474-1--  
 Line 53, change “474” to --474-1--  
 Line 54, change “474” to --474-1--  
 Line 58, change “474” to --474-1--  
 Line 63, change “474” to --474-1--

**Column 25**

Line 1, change “474” to --474-1--  
 Line 4, after “438”, add [(FIG. 16)]  
 Line 5, after “laser”, add [diode]  
 Line 13, change “17” to --16--  
 Line 45, after “200”, add [(FIG. 4)]

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PATENT NO. : 7,257,328 B2

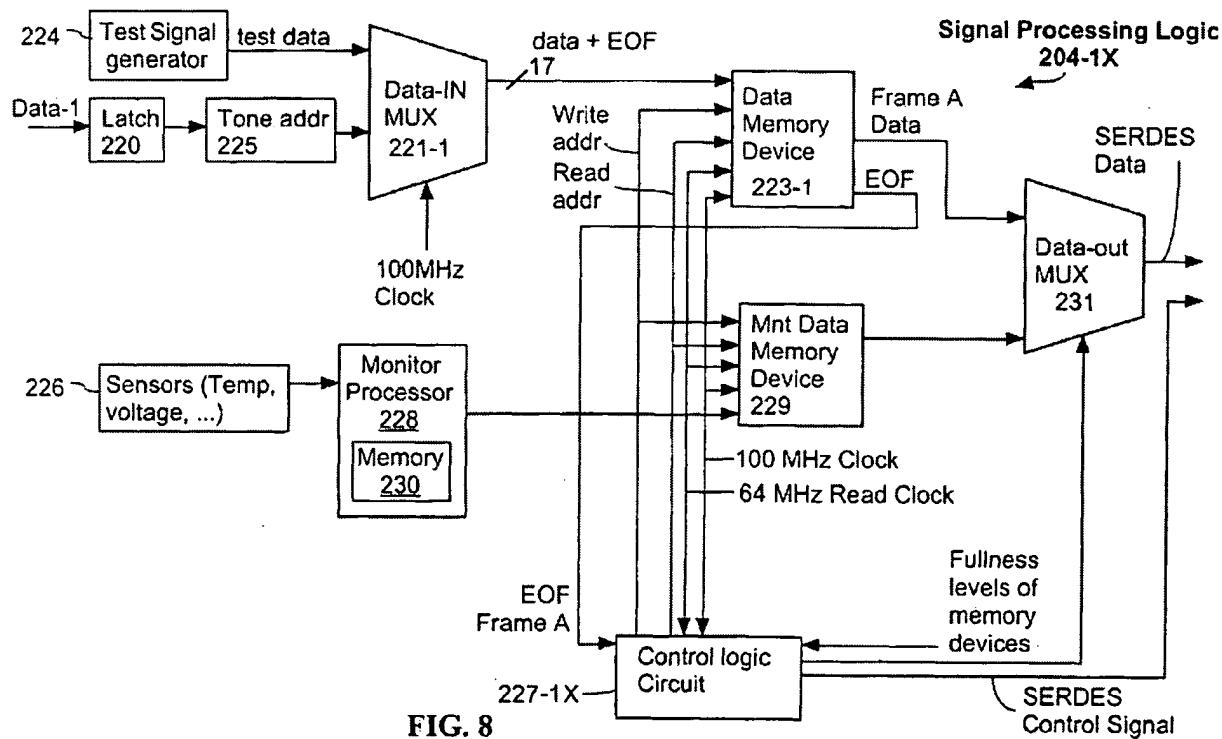
APPLICATION NO. : 09/735,710

ISSUE DATE : Aug. 14, 2007

INVENTOR(S) : Levinson et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Sheet 7, replace Figure 8 with the figure depicted below, wherein "Test data generator" is renamed "Test signal generator" and Control logic Circuit is relabeled 227-1X



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PATENT NO. : 7,257,328 B2

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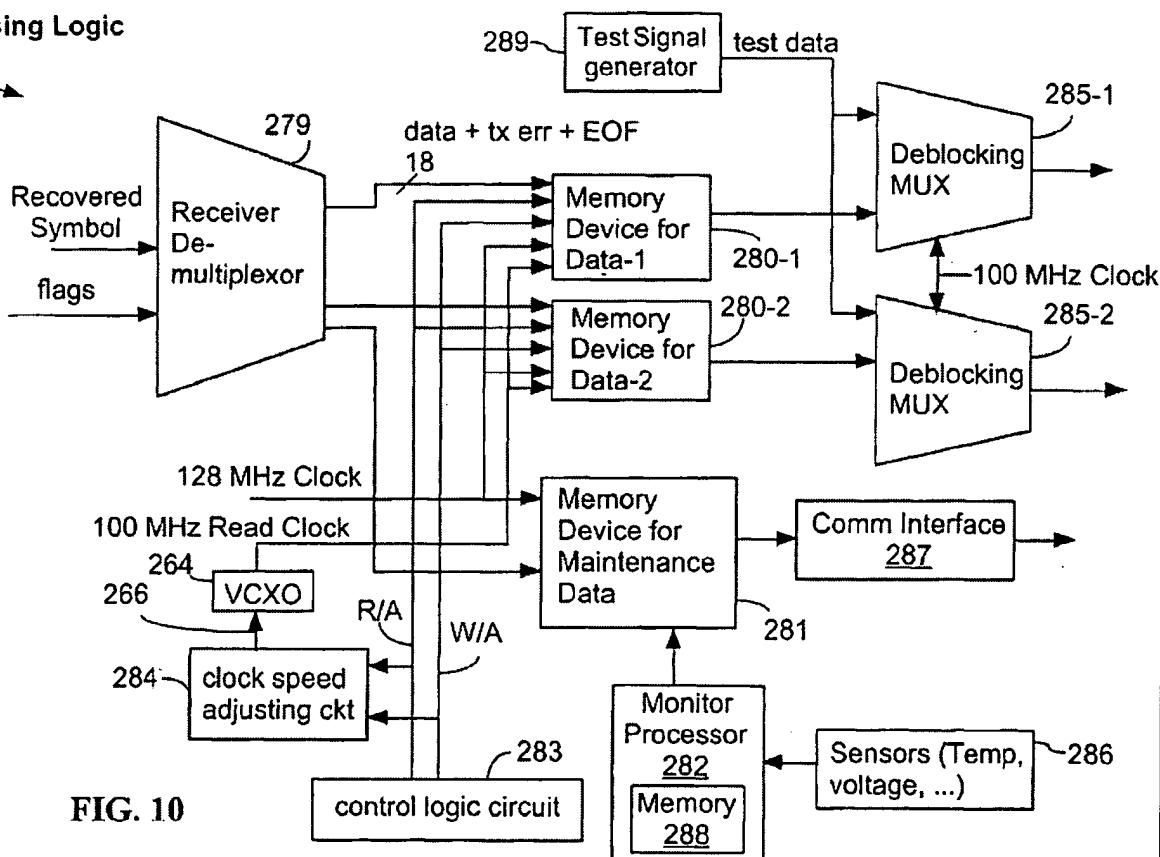
INVENTOR(S) : Levinson et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Sheet 9, replace Figure 10 with the figure depicted below, wherein "Test data generator" is renamed "Test signal generator"

**Signal Processing Logic**

**262**



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APPLICATION NO. : 09/735 710

ISSUE DATE : Aug. 14, 2007

INVENTOR(S) : Levinson et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

## Drawings

Sheet 4, replace Figure 5 with the figure depicted below, wherein Tone addr is relabeled 225-1 and “Test data generator” is renamed “Test signal generator”

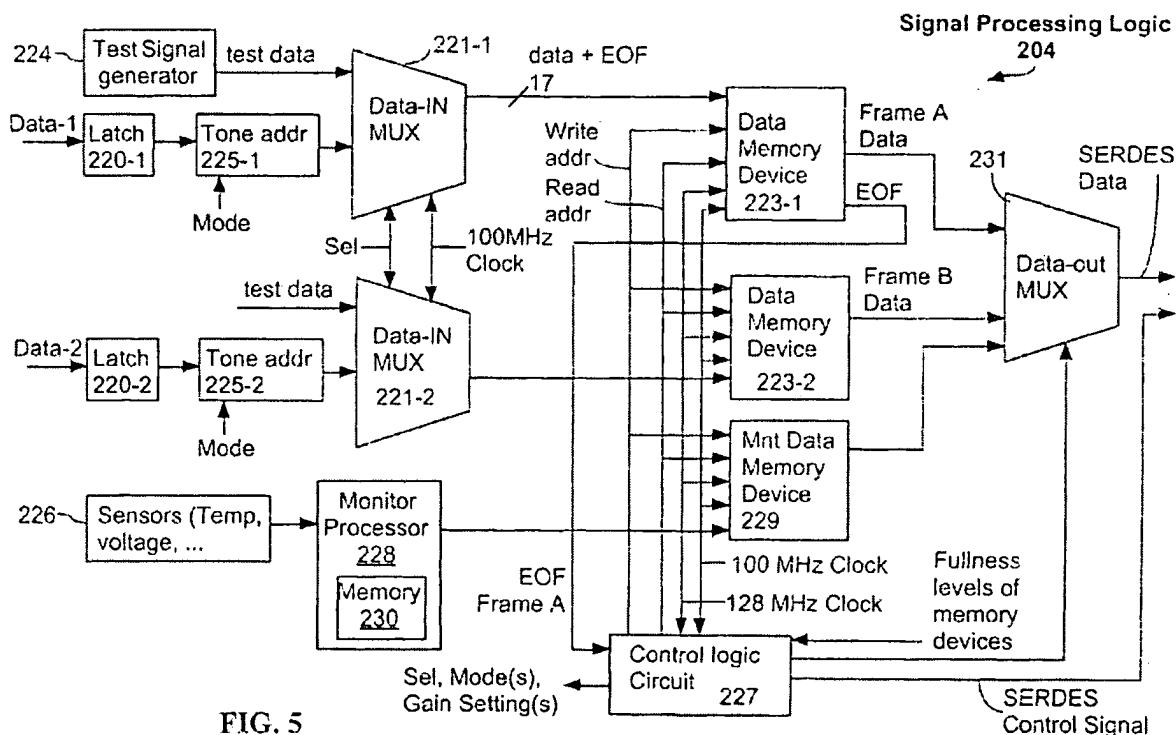


FIG. 5

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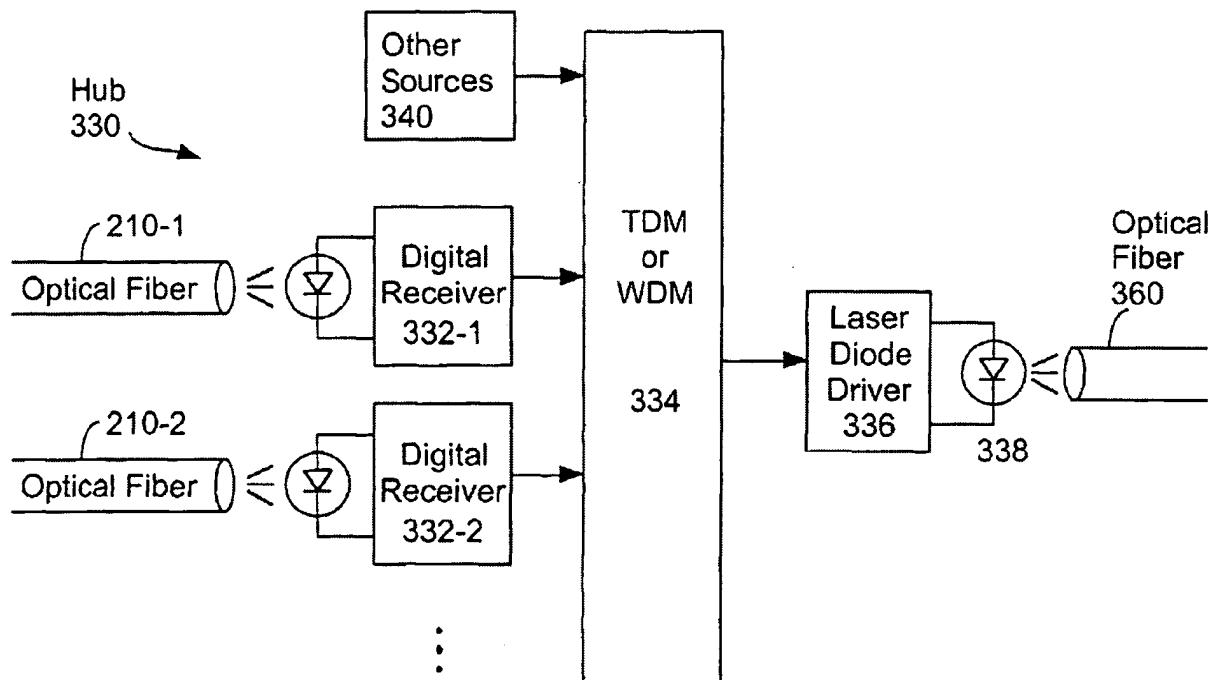
APPLICATION NO. : 09/735,710

ISSUE DATE : Aug. 14, 2007

INVENTOR(S) : Levinson et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Sheet 12, replace Figure 13 with the figure depicted below, wherein "Other Service" is renamed "Other Sources"



**FIG. 13**

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